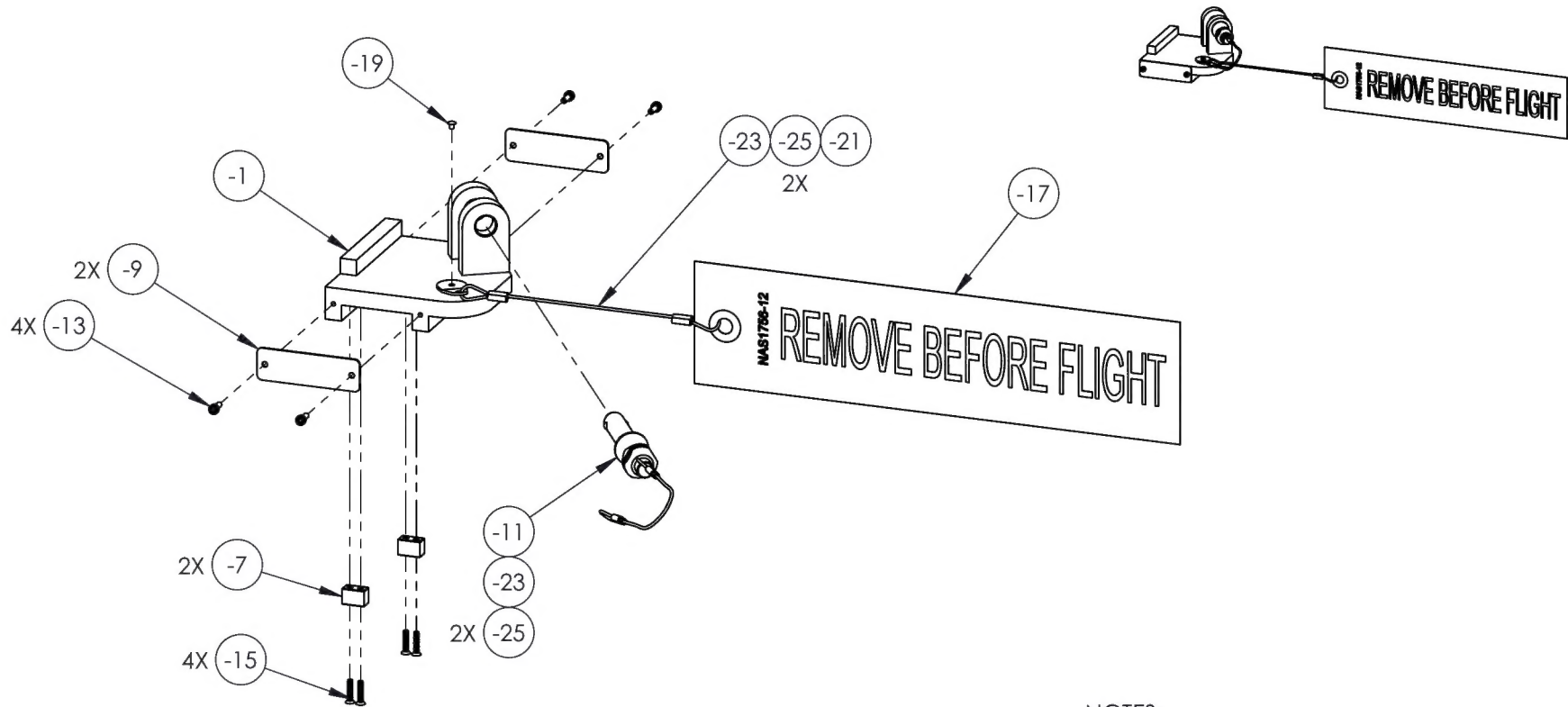


This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	11/7/2016	DPD	JAG



#### NOTES:

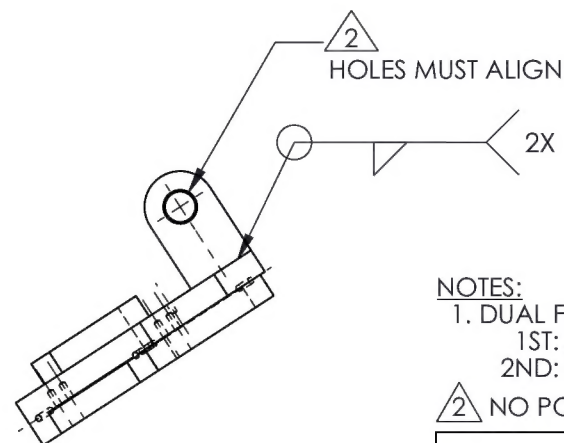
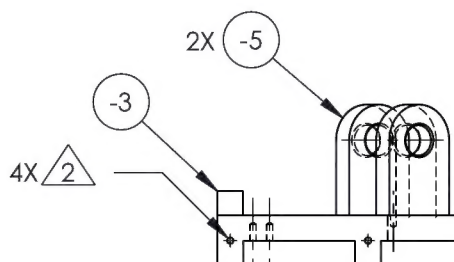
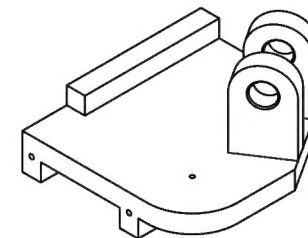
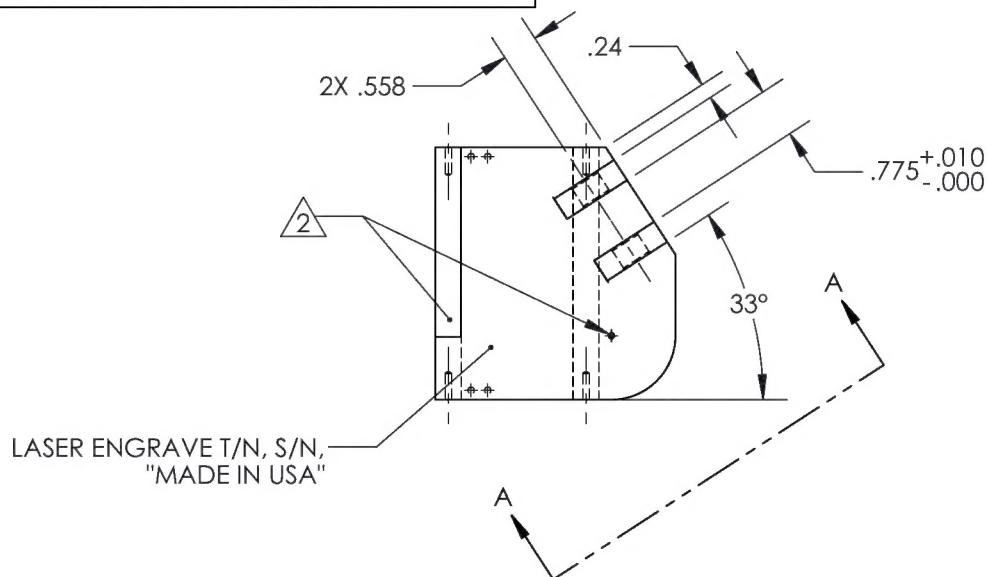
1. REF. AIRBUS T/N: M670V4003137.
2. PART OF KIT RBEM670V4003101.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-1	1	BASE PLATE WELDMENT			2
	1		-3		BASE PLATE	1018/1020 CR		3
	2		-5		EAR PLATE	1018/1020 CR		4
			-7	2	BLOCK	6061		5
			-9	2	END PLATE	6061		6
		B/O	-11	1	BALL LOCK PIN	S.S.	M12 X 40mm USABLE (MCMaster-CARR #93871A810)	1
		B/O	-13	4	SOCKET HEAD CAP SCREW	STEEL	M3 X 0.5mm X 8mm (MCMaster-CARR #95263A122)	1
		B/O	-15	4	FLAT HEAD MACHINE SCREW	STEEL	M3 X 0.5mm X 14mm (MCMaster-CARR #91420A124)	1
		B/O	-17	1	REMOVE BEFORE FLIGHT	NYLON	NAS 1756-12	1
		B/O	-19	1	#2 DRIVE SCREW	COATED STEEL	#2 X 1/4 (MCMaster-CARR #90081A077)	1
		B/O	-21	1	CABLE TAB	ALUMINUM	[CARR LANE #CL-129-TAB-A]	1
		B/O	-23	2	LANYARD	COATED STEEL	Ø1/16 X 6 (CARR LANE #CL-2-C)	1
		B/O	-25	4	FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMaster-CARR #3896T31)	1
	ASSY -1							

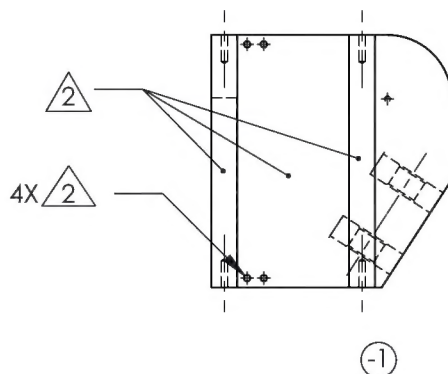
<b>DART AEROSPACE</b>	
TITLE <b>MRB INCLINOMETER SUPPORT</b>	
DWG NO. <b>RBEM670V4003137</b>	REV <b>1</b>
MAT'L <b>HEAT TREAT FINISH</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: <b>DUERFELDT</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: <b>CLOUGH</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: <b>ANDERSON</b>	USED ON MODEL
QA APPR: <b>LINDSAY</b>	<b>H175</b>
APPROVED: <b>GILBERT</b>	
SCALE <b>1:4</b>	DATE <b>5/20/2016</b>
SHEET 1 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



VIEW A-A



BASE PLATE WELDMENT

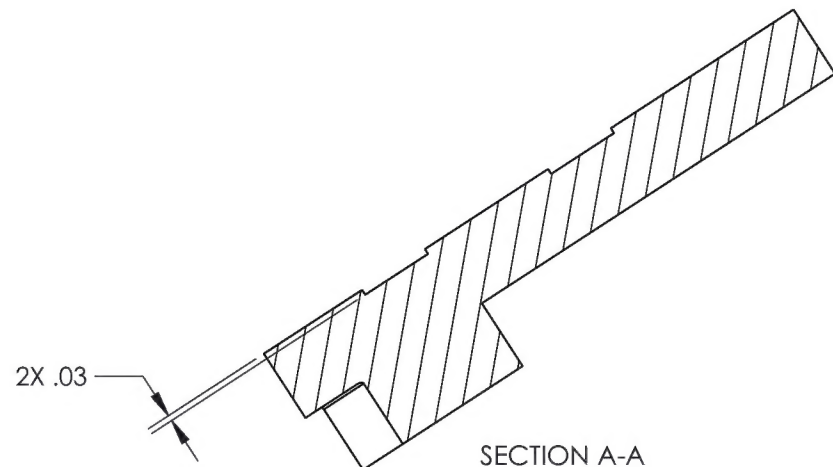
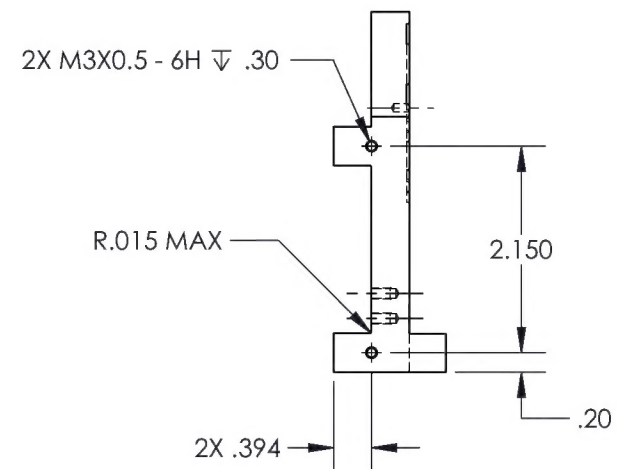
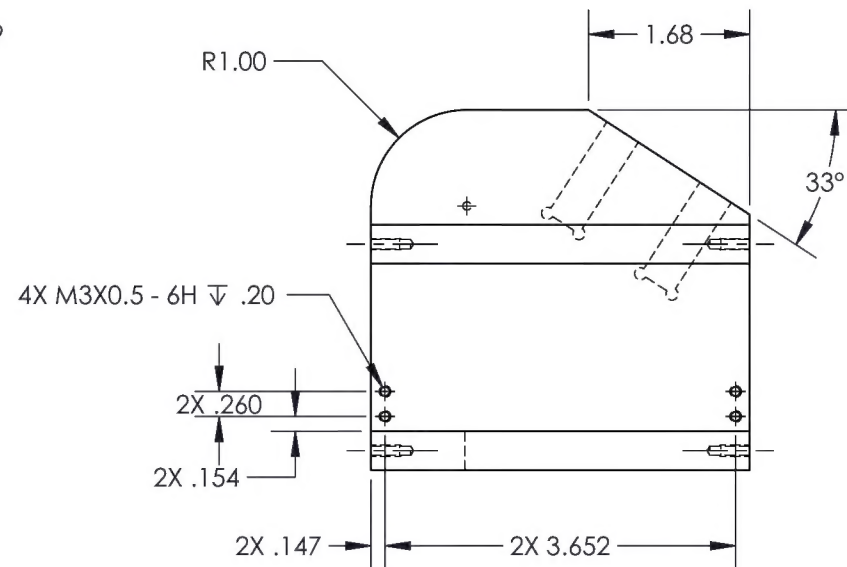
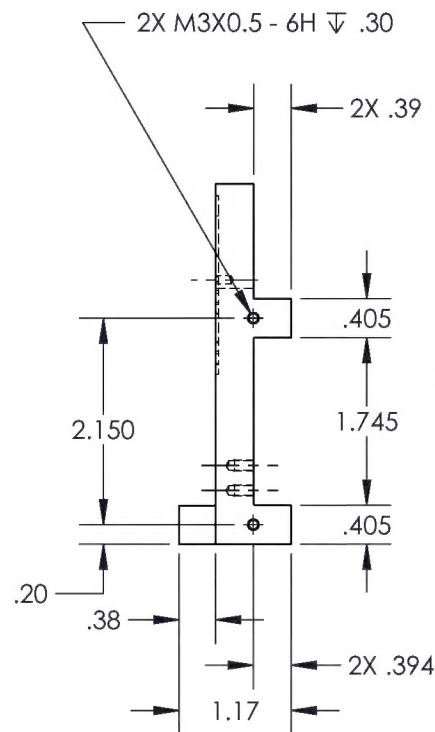
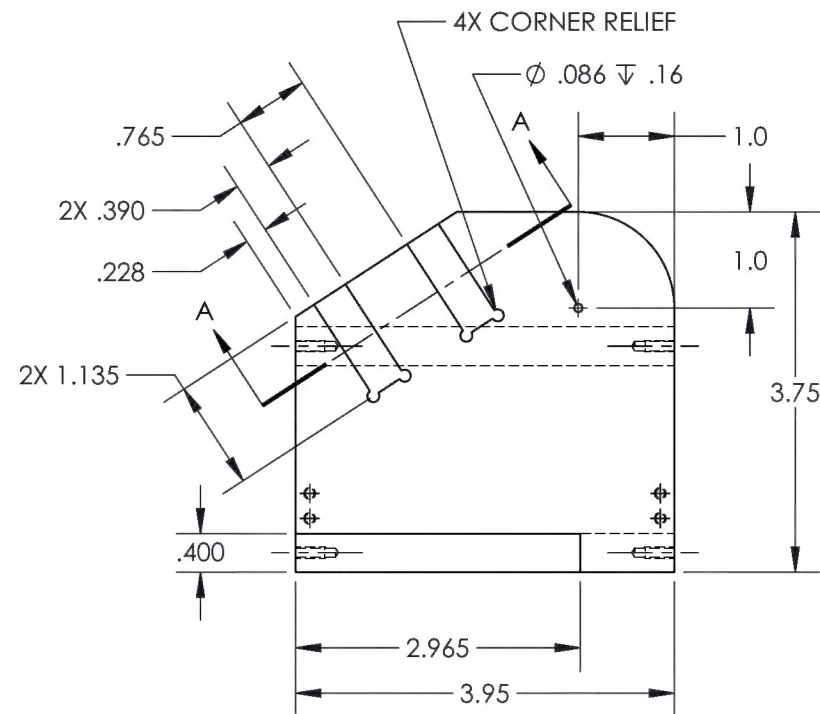
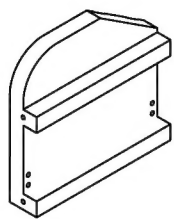
NOTES:

- DUAL FINISH:  
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.  
2ND: POWDER COAT YELLOW, FED #13538.
- NO POWDER COAT THIS SURFACE.

<b>DART AEROSPACE</b>	
TITLE <b>MRB INCLINOMETER SUPPORT</b>	
DWG NO. <b>RBEM670V4003137-1</b>	REV <b>1</b>
MAT'L HEAT TREAT FINISH SEE NOTE 1 SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: <b>DUERFELDT</b>	USED ON MODEL <b>H175</b>
CHECKED: <b>CLOUGH</b>	
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE <b>1:3</b>	DATE <b>5/20/2016</b>
SHEET 2 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



SECTION A-A  
SCALE 1 : 1

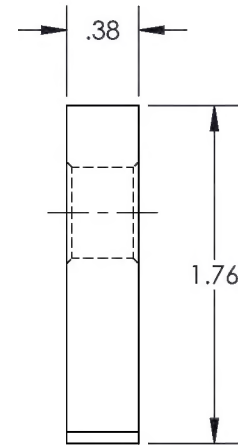
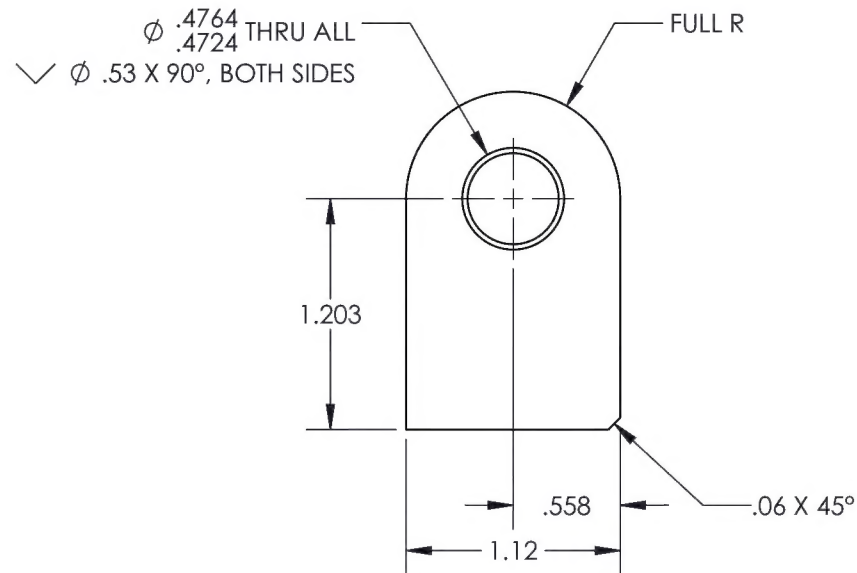
(-3)

BASE PLATE

DART AEROSPACE			
TITLE MRB INCLINOMETER SUPPORT			
DWG NO. RBEM670V4003137-3			REV 1
MAT'L 1018/1020 CR		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX ± .005 FRACTIONS ± 1/8	
FINISH SEE -1		.XX ± .01 ANGLES ± .5°	
SPEC		.X ± .1 SURFACES = 125✓	
DRAWN BY: DUERFELDT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		H175	
SCALE 1:2	DATE 5/20/2016	SHEET 3 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

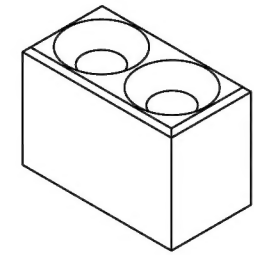


(-5)  
EAR PLATE

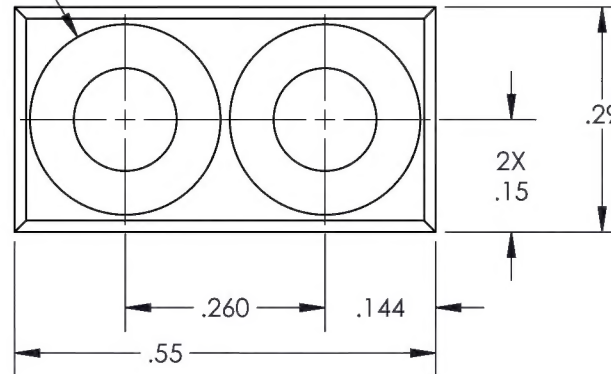
<b>DART</b> AEROSPACE	
TITLE <b>MRB INCLINOMETER SUPPORT</b>	
DWG NO. <b>RBEM670V4003137-5</b>	REV <b>1</b>
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -1	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:1	DATE 5/20/2016
	SHEET 4 OF 6

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

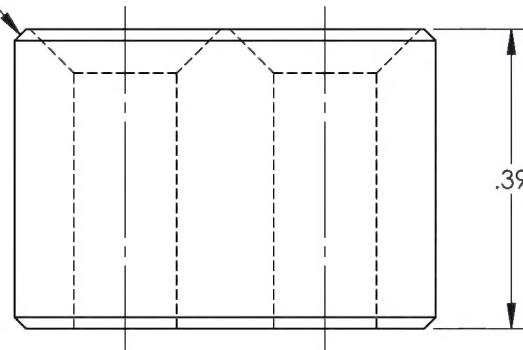
REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



2X  $\phi$  .134 THRU ALL  
 $\checkmark$   $\phi$  .25 X 90°



8X .02 X 45°



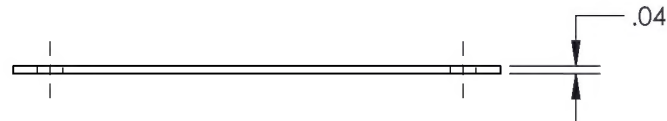
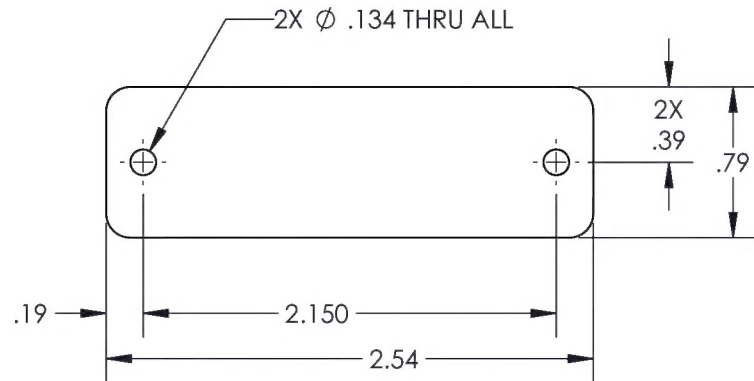
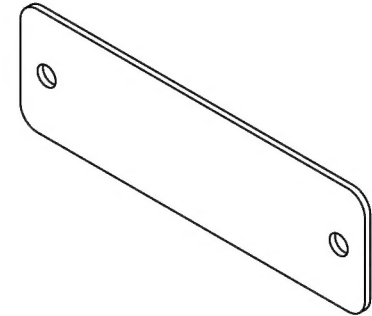
(-7)

BLOCK

<b>TITLE</b> MRB INCLINOMETER SUPPORT	
<b>DWG NO.</b> RBEM670V4003137-7	<b>REV</b> 1
<b>MAT'L</b> 6061 <b>HEAT TREAT</b> <b>FINISH</b> CLEAR ANODIZE <b>SPEC</b> MIL-A-8625F, TYPE II, CLASS I	<b>UNLESS OTHERWISE SPECIFIED</b> DIMENSIONS ARE IN INCHES .XXX $\pm$ .005 FRACTIONS $\pm$ 1/8 .XX $\pm$ .01 ANGLES $\pm$ .5° .X $\pm$ .1 SURFACES = 125 $\checkmark$ 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
<b>DRAWN BY:</b> DUERFELDT <b>CHECKED:</b> CLOUGH <b>OPPS APPR:</b> ANDERSON <b>QA APPR:</b> LINDSAY <b>APPROVED:</b> GILBERT	<b>USED ON MODEL</b> H175
<b>SCALE</b> 4:1	<b>DATE</b> 5/20/2016
SHEET 5 OF 6	

This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



(-9)  
END PLATE

<b>DART AEROSPACE</b>	
TITLE <b>MRB INCLINOMETER SUPPORT</b>	
DWG NO. <b>RBEM670V4003137-9</b>	REV <b>1</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH CLEAR ANODIZE	.XXX ± .005 FRACTIONS ± 1/8
SPEC MIL-A-8625F, TYPE II, CLASS I	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES
CHECKED: CLOUGH	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	H175
SCALE 1:1	DATE 5/20/2016
	SHEET 6 OF 6